

**WILBUR-ELLIS COMPANY PEST CONTROL RECOMMENDATION**

No. 060118A

OPERATOR: USDOE Western Area Power Administration CONTACT: Steve Tuggle

ADDRESS: 114 Parkshore Drive; Folsom, CA 95630-4710

COUNTY: All counties in WAPA system, from Shasta County to Alameda, San Joaquin, and Tuolumne

PERMIT/ID #: NA - Use will be reported by QAL contractor

SITE: WAPA poles subject to PRC 4292/4293 ACRES: Variable - spot treatments PESTS: Weeds

ACRES: Variable - spot treatments PESTS: Weeds

LOCATION: Various subject poles in WAPA service area.

MATERIAL (ADD IN ORDER LISTED)	RATE PER ACRE	RATE PER 100 GAL	VOLUME PER ACRE
(1) Landmark MP (@ 3.75 acres per 22.5 oz pack) {Equals 4 oz. Oust + 2 oz. Telar per acre}	6 dry ounces	24 dry ounces	
(2) Payload Herbicide	12 dry ounces	48 dry ounces	
(3) Accord Concentrate Herbicide *	3 pints	6 quarts	25 gallons
(4) In-Place Deposition-Retention Agent*	1.75 pints	7.0 pints	
(5) R-11 Spreader-Activator	1 pint	4.0 pints	
(6) Hi-Light Blue Colorant (optional)	8 liquid oz.	2.0 pints	

HAZARDS AND/OR RESTRICTIONS:

- OBSERVE ALL LABEL PRECAUTIONS.
- DO NOT ALLOW DRIFT FROM TREATMENT AREA.
- KEEP OUT OF LAKES, PONDS, STREAMS, AND OTHER BODIES OF WATER
- APPLY ONLY UNDER CALM CONDITIONS (WIND NO GREATER THAN 10 MPH)
- RE-ENTRY: When spray has dried.

QAL: TBA DATE: Fall 2006 through Spring 2007, prior to last rains METHOD: Ground

COMMENTS: ***Always pre-mix Accord and In-Place before adding to water. DO NOT add In-Place separately or encapsulation will not occur.** Clear site of vegetation prior to treatment, if possible. Fill tank half full of water. Add, thoroughly mix, and **continuously** agitate the Landmark MP, and Payload. Next add more water, then the Accord Concentrate/In-Place mixture, and continue to agitate the spray solution. Add R-11 when tank is about 90 percent full. Add colorant last. Apply as a uniform spray to both target weeds and the soil in an 11-foot radius around the subject pole. At 25 gpa spray volume, each pole will require approximately 1.75 pints of spray mixture.

I hereby certify that alternatives and mitigation measures that would substantially lessen any significant adverse impact on the environment have been considered and, if feasible, adopted. Criteria for determining need for treatment: Pest is present.

Advisor's Signature:

Scott A. Johnson PCA License No. 5099 Date: 01/18/2006

Wilbur-Ellis Company; P.O. Box 15289; Sacramento, CA 95851-0289

**WILBUR-ELLIS COMPANY PEST CONTROL RECOMMENDATION**

No. 060118B

OPERATOR: USDOE Western Area Power Administration CONTACT: Steve Tuggle

ADDRESS: 114 Parkshore Drive; Folsom, CA 95630-4710

COUNTY: All counties in WAPA system, from Shasta County to Alameda, San Joaquin, and Tuolumne

PERMIT/ID #: NA - Use will be reported by QAL contractor

SITE: WAPA poles subject to PRC 4292/4293 ACRES: Variable - spot treatments PESTS: Weeds

ACRES: Variable - spot treatments PESTS: Weeds

LOCATION: Various subject poles in WAPA service area, including sensitive areas adjacent to desirable plants or landscaping.

MATERIAL (ADD IN ORDER LISTED)	RATE/4 GAL BACKPACK	RATE PER ACRE	VOLUME PER ACRE
(1) Dimension Ultra 40	0.8 dry ounces	1.25 pounds	
(2) GoalTender Herbicide	10 ounces	4 pints	
(3) In-Place (Drift Retardant)*	5 ounces	1 quart	} 25 gallons
(4) Accord Concentrate Herbicide	8 ounces	3 pints	
(5) R-11 Spreader-Activator	10 ounces	4 pints	
(6) Hi-Light Blue Colorant (if needed)	2.5 ounces	1 pint	

HAZARDS AND/OR RESTRICTIONS:

- OBSERVE ALL LABEL PRECAUTIONS
- DO NOT ALLOW DRIFT FROM TREATMENT AREA. APPLY UNDER CALM CONDITIONS.
- KEEP OUT OF LAKES, PONDS, STREAMS, AND OTHER BODIES OF WATER
- RE-ENTRY: When spray has dried.

QAL: TBA DATE: Fall 2006 through Spring 2007, prior to last rain METHOD: Ground

COMMENTS: *Always pre-mix Accord, Goal and In-Place before adding to water. DO NOT add In-Place separately or encapsulation will not occur. In addition to spray deposition and drift reduction, In-Place will help reduce Goal odors. Fill tank half full of water, then add Dimension and mix. Next add more water and Accord/Goal/In-Place mixture, mix well, and continuously agitate the spray solution. Add remainder of water, and then mix in R-11. Add Hi-Light last. Apply as a uniform spray. Avoid drift of spray containing Accord onto desirable plants, as damage may occur. Apply as a uniform spray to both target weeds and the soil in an 11-foot radius around the subject pole. At 25 gpa spray volume, each pole will require approximately 1.75 pints of spray mixture.

I hereby certify that alternatives and mitigation measures that would substantially lessen any significant adverse impact on the environment have been considered and, if feasible, adopted. Criteria for determining need for treatment: Pest is present.

Advisor's Signature:

Scott A. Johnson PCA License No. 5099 Date: 01/18/2006
Wilbur-Ellis Company; P.O. Box 15289; Sacramento, CA 95851-0289



WILBUR-ELLIS COMPANY PEST CONTROL RECOMMENDATION

No. 060118C

OPERATOR: USDOE Western Area Power Administration CONTACT: Steve Tuggle

ADDRESS: 114 Parkshore Drive; Folsom, CA 95630-4710

COUNTY: All counties in WAPA system, from Shasta County to Alameda, San Joaquin, and Tuolumne

PERMIT/ID #: NA - Use will be reported by QAL contractor

SITE: WAPA poles subject to PRC 4292/4293 ACRES: Variable - spot treatments PESTS: Weeds

ACRES: Variable - spot treatments PESTS: Weeds

LOCATION: Various subject poles in WAPA service area.

MATERIAL(ADD IN ORDER LISTED)	RATE PER ACRE	RATE PER 380 SQ. FT. POLE SITE	VOLUME PER ACRE
(1) Spra-Kil SK-26 Granular Herbicide	175 lbs.	1.5 lbs.	175 lbs.

HAZARDS AND/OR RESTRICTIONS:

- OBSERVE ALL LABEL PRECAUTIONS
- DO NOT ALLOW DRIFT FROM TREATMENT AREA
- KEEP OUT OF LAKES, PONDS, STREAMS, AND OTHER BODIES OF WATER
- APPLY ONLY UNDER CALM CONDITIONS
- **APPLY ONLY IN NON-SENSITIVE AREAS**
- **DO NOT APPLY NEAR DESIRABLE PLANTS. SK-26 WILL KILL TREES AND SHRUBS!**
- DO NOT RE-ENTER TREATED AREA UNTIL DUST HAS SETTLED

QAL: Davey

DATE: 2006-2007, when rain likely or earlier METHOD: Ground Broadcast

COMMENTS: Clear ground around poles to mineral soil, per WAPA contract specifications. **Rake or hoe a 4-6 inch high berm around pole to prevent any off-site herbicide movement.** For TOTAL BARE GROUND CONTROL, apply SK-26 as a uniform broadcast application with a bellygrinder or other suitable equipment. The herbicide is activated by rainfall, so apply when or before rain is likely, and NOT in the dry season. This product contains 2% tebuthiuron (Spike), and will control virtually any plant, especially trees, shrubs, and deeper-rooted perennial plants. SK-26 also contains 6% diuron (Karmex), which controls shallow-rooted annual weeds, but will also damage or kill some pines. Stay well away from desirable vegetation, especially on the uphill side. This is a one-season treatment, and should be repeated annually. Do not increase rate for longer control, because the chance of off-target damage is higher. An 11-foot diameter circle takes 1.5 lbs. of SK-26.

I hereby certify that alternatives and mitigation measures that would substantially lessen any significant adverse impact on the environment have been considered and, if feasible, adopted. Criteria for determining need for treatment: Pest is present.

Advisor's Signature:

Scott A. Johnson PCA License No. 5099 Date: 01/18/2006
Wilbur-Ellis Company; P.O. Box 15289; Sacramento, CA 95851-0289

WILBUR-ELLIS COMPANY
P.O. BOX 15289
SACRAMENTO, CA 95851-0289
PHONE: (916) 991-9808 FAX: (916) 991-1837



WILBUR-ELLIS COMPANY PEST CONTROL RECOMMENDATION

No. 060118D

OPERATOR: USDOE Western Area Power Administration CONTACT: Steve Tuggle

ADDRESS: 114 Parkshore Drive; Folsom, CA 95630-4710

COUNTY: All counties in WAPA system, from Shasta County to Alameda, San Joaquin, and Tuolumne

PERMIT/ID #: NA - Use will be reported by QAL contractor

SITE: WAPA utility sites ACRES: Variable - spot treatments PESTS: Brush ***

MATERIAL(ADD IN ORDER LISTED)	RATE PER ACRE	RATE PER 100 GAL	VOLUME PER ACRE
(1) Garlon 4 Herbicide *	Variable	25 gallons	} Variable
(2) Hasten Adjuvant	Variable	75 gallons	} Single Plant
(3) Bas-Oil Red Dye **(optional)	** Variable	1.0 quart	} Application

HAZARDS AND/OR RESTRICTIONS

- OBSERVE ALL LABEL PRECAUTIONS
- DO NOT ALLOW DRIFT FROM TREATMENT AREA
- KEEP OUT OF LAKES, PONDS, STREAMS, AND OTHER BODIES OF WATER
- RE-ENTRY: DO NOT ENTER UNTIL SPRAY SOLUTION HAS DRIED.

QAL: TBA DATES: As needed in 2006 and 2007 METHOD: Low-Volume Basal or Cut Surface

COMMENTS: Apply with a backpack sprayer using low pressure (less than 30 psi) and a cone nozzle, such as a TeeJet 5500 Y-2 or X-2 adjustable cone tip. Apply herbicide mix as a basal application to the lower 15 to 18 inches of all unwanted hardwoods less than 4 inches in diameter (or remaining stump, if tree is cut). Thorough coverage of the treated area is necessary for good control. Spray to wet, not to runoff. Old or rough bark requires more spray than smooth young bark. (* **Alternate Recommendation** - Treat cambium area of cut surfaces of stems larger than 4 inches in diameter with undiluted Garlon 4.) ** Add Bas-Oil Red Dye, if longer-term coverage indication is needed. ****Use Rec 060118E for difficult oak species.*

I hereby certify that alternatives and mitigation measures that would substantially lessen any significant adverse impact on the environment have been considered and, if feasible, adopted. Criteria for determining need for treatment: Pest is present.

Advisor's Signature:

Scott A. Johnson PCA License No. 5099 Date: 01/18/2006
Wilbur-Ellis Company; P.O. Box 15289; Sacramento, CA 95851-0289

**WILBUR-ELLIS COMPANY PEST CONTROL RECOMMENDATION**

No. 060118E

OPERATOR: USDOE Western Area Power Administration CONTACT: Steve Tuggle

ADDRESS: 114 Parkshore Drive; Folsom, CA 95630-4710

COUNTY: All counties in WAPA system, from Shasta County to Alameda, San Joaquin, and Tuolumne

PERMIT/ID #: NA - Use will be reported by QAL contractor

SITE: WAPA utility sites ACRES: Variable - spot treatments PESTS: Brush, *especially oaks*

LOCATION: Various subject poles in WAPA service area.

MATERIAL (ADD IN ORDER LISTED)	RATE PER ACRE	RATE PER 100 GAL	VOLUME PER ACRE
(1) Stalker Herbicide *	Variable	5 gallons	} Variable
(2) Garlon 4 Herbicide *	Variable	15 gallons	Single
(3) Hasten Adjuvant	Variable	79.75 gallons	} Plant
(4) Bas-Oil Red or Blue Dye **(if needed)	** Variable	1.0 quart	} Application

HAZARDS AND/OR RESTRICTIONS:

- **DO NOT TREAT T&E PLANTS UNLESS PERMITTED BY FWS AND/OR CDF&G****
- OBSERVE ALL LABEL PRECAUTIONS. DO NOT ALLOW DRIFT FROM TREATMENT AREA.
- KEEP OUT OF LAKES, PONDS, STREAMS, AND OTHER BODIES OF WATER
- APPLY ONLY UNDER CALM CONDITIONS (WIND NO GREATER THAN 10 MPH)
- RE-ENTRY: DO NOT ENTER UNTIL SPRAY SOLUTION HAS DRIED

QAL: WAPA Contractor DATES: As needed in 2006-2007 METHOD: Basal **or** Cut Surface*

COMMENTS: Apply with a backpack sprayer using low pressure (less than 30 psi) and a cone nozzle, such as a TeeJet 5500 X-2 or X-3 adjustable cone tip. Apply herbicide mix as a basal application to the lower 15 to 18 inches of all unwanted hardwoods less than 3 inches in diameter (or remaining stump, if tree is cut). Thorough coverage of the treated area is necessary for good control. Spray to wet, not to runoff. Old or rough bark requires more spray than smooth young bark. (* **Alternate Recommendation** - Treat cambium area of cut surfaces of stems larger than 3 inches in diameter with undiluted Garlon 4.) ** Add Bas-Oil Red or Blue Dye, if longer-term coverage indication is needed. *** Avoid elderberry plants, unless permitted.

I hereby certify that alternatives and mitigation measures that would substantially lessen any significant adverse impact on the environment have been considered and, if feasible, adopted. Criteria for determining need for treatment: Pest is present.

Advisor's Signature:

Scott A. Johnson PCA License No. 5099 Date: 01/18/2006
Wilbur-Ellis Company; P.O. Box 15289; Sacramento, CA 95851-0289



WILBUR-ELLIS COMPANY PEST CONTROL RECOMMENDATION

No. 060118F

OPERATOR: USDOE Western Area Power Administration CONTACT: Steve Tuggle

ADDRESS: 114 Parkshore Drive; Folsom, CA 95630-4710

COUNTY: All counties in WAPA system, from Shasta County to Alameda, San Joaquin, and Tuolumne

PERMIT/ID #: NA - Use will be reported by QAL contractor

SITE: WAPA utility sites ACRES: Variable - spot treatments PESTS: Weeds

LOCATION: Various subject poles in WAPA service area.

MATERIAL(ADD IN ORDER LISTED)	RATE/4 GAL BACKPACK	RATE PER 100 GAL	VOLUME PER ACRE
(1) Tri-Fol Buffer/Acidifier	0.5 ounce	8 ounces	Variable
(2) Garlon 4 Herbicide	7.7 ounces	6 quarts	Individual
(3) Accord Concentrate Herbicide	7.7 ounces	6 quarts	Spot
(4) In-Place (Drift Retardant)★	4.0 ounces	3 quarts	Treatment
(5) R-11 Spreader-Activator	6.0 ounces	4 quarts	As
(6) Hi-Light Blue Colorant (optional)★	2.0 ounces	3 pints	Needed

HAZARDS AND/OR RESTRICTIONS:

- OBSERVE ALL LABEL PRECAUTIONS
- DO NOT ALLOW DRIFT FROM TREATMENT AREA.
- KEEP OUT OF LAKES, PONDS, STREAMS, AND OTHER BODIES OF WATER
- APPLY ONLY UNDER CALM CONDITIONS
- DO NOT ENTER TREATED AREAS UNTIL SPRAY HAS DRIED

QAL: TBA DATE: As needed in 2006 and 2007 METHOD: Ground

COMMENTS: Fill tank half full of water, add Tri-Fol (if water pH exceeds 7.0) and mix. Then add pre-mixed Garlon 4/Accord Concentrate/In-Place and mix. Add remainder of water, then mix in R-11 and Colorant. **Spray actively growing target plants "to wet"**. Avoid drift or overspray onto desirable foliage, as damage may occur. Repeat treatments may be needed to maintain control, especially on resprouting species, such as poison oak.

★ Add In-Place and/or Hi-Light Blue Colorant when appropriate to increase spray deposition and to mitigate drift hazard. Colorant also aids in assessing spray pattern and nozzle wear.

I hereby certify that alternatives and mitigation measures that would substantially lessen any significant adverse impact on the environment have been considered and, if feasible, adopted. Criteria for determining need for treatment: Pest is present.

Advisor's Signature:

Scott A. Johnson PCA License No. 5099 Date: 01/18/2006
Wilbur-Ellis Company; P.O. Box 15289; Sacramento, CA 95851-0289